

I claim 1: a bobber with a automatic hook set device

claim 2: said bobber with said automatic hook set device comprising,
a buoyant bobber through which said automatic hook set device passes
said automatic hook set device comprising;

a slide tube having a slightly restricted bore at said slide tubes lower end and
a passage through said slide tubes sidewall at a midpoint for the passage of
a locking and release mechanism

a coil spring slidably received inside said slide tube, said coil spring rests against
said slightly restricted bore of said slide tube

a slide having a longitudinal passage to allow the passage of fishing line, said slide
being slidably received inside said slide tube, said slide having a abnomily at a
midpoint to engage said locking and release mechanism, said slide having

a skirt projecting down from said abnomily, which is slidably received over said coil
spring and slidably received inside of said slide tube, said skirt will hold said locking
and release mechanism in the released position

a trigger that is slidably received, within said slide tube, that bears upon a trigger
pawl when said locking and release mechanism is in the set position
said locking and release mechanism that comprises;

a locking and release mechanism frame positioned at a midpoint on said slide tube,
said trigger pawl rotationally attached to said locking and release frame

a locking pawl rotationally attached to said locking and release frame

a interlocking link rotationally attached to said trigger pawl and said locking pawl so
as to allow said trigger pawl said interlocking link and said locking pawl to rotationally
lock and hold said slide with said coil spring compressed
said locking and release mechanism having

a auto-locking spring positioned as to urge said interlocking link, said trigger pawl
and said locking pawl into their locked position after said slide compresses said coil
spring

claim 3 said bobber with said automatic hook set device of claim 2;
where in said locking and release mechanism has;

a adjustment screw to change the rotational alignment of said trigger pawl, said interlocking link and said locking pawl

where in said locking pawl has a roller to contact said abnomily and said skirt on said slide

where in said automatic hook set device has the addition of a battery, a electric signaling device and electrical contacts which engage and disengage as said automatic hook set device is released and set

where in said bobber with automatic hook set device is weighted as to cause said bobber with said automatic hook set device to float vertical when set and lie horizontal after said automatic hook set device is released